



## California Air Force Plant 42

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### ***Facility and Location***

Air Force Plant (AFP) 42 is a government-owned, contractor-operated (GOCO) facility located in Palmdale that supports aircraft maintenance and modification for the B-2 bomber and F-117 fighter aircraft. AFP 42 also produces the Global Hawk aircraft and spare parts. It includes multiple high bay buildings, airfield access with flyaway capability, and one of the heaviest load bearing runways in the world. AFP 42 has been the assembling and testing location for individual parts and systems for the space shuttle. Upon completion, the spacecraft was turned over to NASA for transport overland from Palmdale to Edwards Air Force Base. The Air Force analyzed groundwater at AFP 42 because the solid rocket boosters used by the space shuttle contain perchlorate.

### ***Media Sampled and Findings***

**Groundwater** — In 2010, two samples reported no detection. In 2009, three samples reported no detection. In 2008, one of five samples detected perchlorate at 3.6 ppb. Prior to 2007, 34 groundwater samples taken from drinking water, fire, and monitoring wells reported no detection.

### ***Appropriate Actions***

Not Applicable. All samples were below the EPA and DoD Preliminary Remediation Goal of 15 ppb.